

MSUD valve plug CI-9.4mm with cable

PUR 3x0.75 gy UL/CSA+robot+drag ch. 10m

MSUD

The resistance to aggressive media should be individually tested for your application. Further details on request.

Form CI (9.4 mm)

0...230 V AC/DC

without components

3-pole

Bridged PE

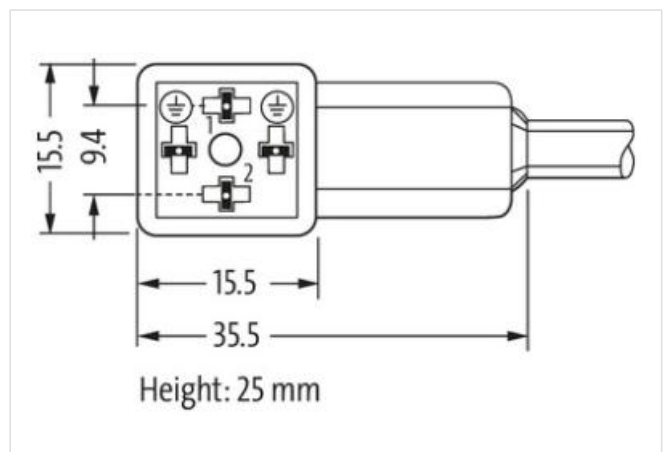
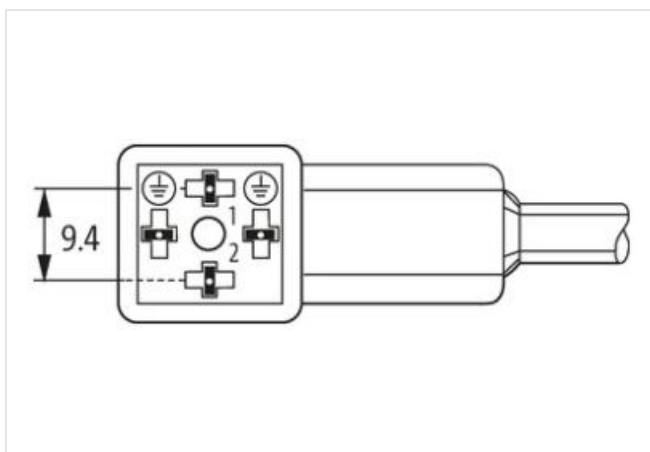
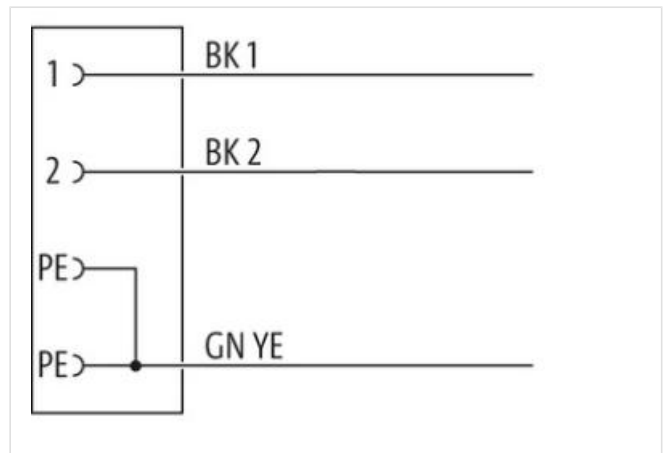
without cable sleeves

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

[Link to Product](#)

Illustration



Product may differ from Image



Cable length 10 m

Side 1Tightening torque 0,4 Nm
Thread M3**取引条件**ECLASS-6.0 27279218
ECLASS-7.0 27279218
ECLASS-8.0 27279218
ECLASS-9.0 27060311
ECLASS-10.1 27060312
ECLASS-11.1 27060312
ECLASS-12.0 27060312
ETIM-5.0 EC001855
GTIN 4048879414166
HSコード 85444290
Packaging unit 1**Electrical data | Supply**Operating voltage AC max. 230 V
Operating voltage DC max. 230 V
Current operating per contact max. 6 A**Device protection | Electrical**Degree of protection (EN IEC 60529) IP67
Additional condition protection degree inserted, screwed
Pollution Degree 3
Rated surge voltage 4 kV
Material group (IEC 60664-1) I**Mechanical data**

Contour for corrugated hose without

Mechanical data | Material dataCoating locking verzinkt
Color housing black
Material gasket PUR
Material housing PBT
Locking material Steel**Mechanical data | Mounting data**

Mounting method inserted, screwed

Environmental characteristics | ClimaticOperating temperature min. -25 °C
Operating temperature max. 85 °C
Additional condition temperature range depending on cable quality**Important installation notes**Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius **Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.**Installation | Cable**wire arrangement black 1, black 2, green-yellow
Cable identification 256
Cable Type 5
Printing color of wire insulation white (isolation black)
Jacket Color gray
Type of Certificate cURus

Amount stranding	1
Stranding	3 wires twisted
wire arrangement	black 1, black 2, green-yellow
Cable weight	48,4 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,7 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation black)
Amount strands (wire)	42
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,75 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min